



Commercial Innovation Division

December 2008

In this issue:

- [Random Yet Easy to Remember Passwords](#)
- [New IT Solution Provider Expands to Boise](#)
- [Off-the-Grid Cold Storage and Shipping Solutions](#)
- [If You Are Interested in Federal Grants, Here are Some Dates to Remember!](#)
- [Boise State University Dean Receives Honor](#)
- [Khamu Solutions Selected by Food Services of America](#)
- [Ideas Innovations Idaho License Plates For Sale](#)

Random Yet Easy to Remember Passwords

(Moscow) Do you find it difficult to remember your growing number of passwords? About 20-30% of help desk calls are password related. To address this issue, the University of Idaho (UI) is developing graphical passwords. Graphical passwords are created by randomly generating a picture composed of nine different elements. Each of the nine elements is selected from a group of 36 images. For example, one element of the graphical password is the background. There are 36 backgrounds to choose from. At the right is an example of such a password.

The nine distinct images integrated into the graphical password above include the background, garbage can, frog, dog, guitar case, woman, man, child, and kiwi.



Courtesy University of Idaho

To login, a user must identify the Nine different images in their password. Research by UI graphical password developer, Steffen Werner, indicates that nearly 90% of users can successfully remember a graphical password three to six weeks after its creation as compared to 25% for the traditional alpha-numeric passwords. However, since the login process can be more time-consuming, Werner recommends that graphical passwords be used for important accounts that are only used a few times per year, such as investment or retirement accounts.

December 2008 Events Calendar

December 4th
Kickstand Southern Idaho
Twin Falls
Events are held the 1st Thursday of the month at 6:00 - 7:30 pm Pandora's Restaurant (516 Hansen St., Twin Falls) Visit www.kickstandidaho.com

December 8th
Sandpoint Science Cafe
Sandpoint
Sandpoint Science Cafe is held monthly on the 2nd Monday at 12:30pm and is open to anyone interested in exploring the latest science and technology by engaging with featured scientists and researchers at the Tango Café in the INSB Financial Center, a local gathering place in Sandpoint, Idaho. The

For more information related to UI's research on graphical passwords, visit <http://www.today.uidaho.edu/Details.aspx?ID=4595>

New IT Solution Provider Expands to Boise

(Boise) Groupware Technology, Inc. announced that it will expand its operations in the West with the opening of a new office in Boise, Idaho. Groupware Technology was named by Inc. magazine as one of the fastest growing private companies in North America for the second year in a row. The Silicon Valley based IT solution service provider will be recruiting employees over the next several months for their Boise office location.

Groupware chose its office location in downtown Boise for its central location and proximity to its technology partners, including Sun Microsystems and NetApp. Mike Thompson, Groupware President and CEO stated, "Groupware is eager to become part of the Boise community and engage in the growing Boise economy." Boise offers a wealth of professional talent and is home to a wide range of Fortune 1000 and medium sized business.

Groupware provides enterprise technology solutions to its Fortune 1000 customer base and specializes in storage, security, networking and enterprise systems. For more information, visit <http://www.groupwaretechnology.com>

Off-the-Grid Cold Storage and Shipping Solutions

(Boise) Industrial Insulation Systems is a full service thermal insulation engineering, consulting, and contracting company which also manufactures innovative products designed for cold storage and shipping in places where electricity is not available. IIS's portable solutions include solar power systems and a complete line of portable temperature critical shipping containers in a variety of sizes.

Where frozen and refrigerated products have traditionally been transported in refrigerated semi-trailers, IIS's cold shipping containers permit refrigerated products to be transported in unrefrigerated trailers alongside non-temperature sensitive goods, improving efficiency and reducing cost. Warehouse club retailer Cost-Co utilizes IIS's shipping container design that maintains two temperatures, permitting fresh and frozen foods to be shipped together in one container. Specific temperature ranges can be maintained for multiple days under a variety of ambient shipping conditions, depending on client-specific needs. Pharmaceuticals and bio-medical material such as blood are also delivered in IIS's cold containers anywhere in the world.

IIS's latest design is a hybrid solar/battery powered unit that can keep goods cold or frozen as long as the sun shines periodically to keep the batteries charged. Disaster relief, remote location delivery, and special event food service are but a few of the targeted possibilities for the solar powered unit.

For more information, visit <http://www.iis-inc.com>



(left) Combo shipping unit
(right) Solar powered refrigerator-freezer unit

public will have ample opportunities to ask questions, voice opinions and learn about new subjects in a casual and informal setting.

December 9th Science on Tap Coeur d'Alene

Science on Tap Coeur d'Alene, is held monthly on the 2nd Tuesday (except for June, July & August) at 5:30 pm and is open to anyone interested in exploring the latest science and technology by engaging with featured scientists and researchers at the Coeur d'Alene Brewery in Coeur d'Alene. The public will have ample opportunities to ask questions, voice opinions and information contact: Laurie Hassell at (208) 699-6240 or email at lhassell@nwabr.org

December 10th Tech-Based Innovations to the Commercial Market; Attracting Equity Investors and Lessons Learned Idaho Falls

This session discusses: developing relationships with investors, intellectual property, securities issues, term sheets, and the art and techniques of negotiation. We will also gain the benefit of hearing from those individuals who experienced the equity funding process. All Center For Commercialization & Entrepreneurial Training sessions are held at: Idaho State University (University Place) Center for Higher Education Building, Room 211, 1770 Science Center Dr. Idaho

If You are Interested in Federal Grants, Here are Some Dates to Remember!

Are you interested in Small Business Innovation Research (SBIR) or Small Business Technology Transfer (STTR) grants and feel ready to write but are unsure when the solicitations come out? Knowing these dates is important because the time frame between the solicitation's opening and the closing dates is short and it is vital to begin the process of preparing your proposal as soon as possible.

All of the eleven federal SBIR/STTR agencies are mandated by Congress to have at least one solicitation per year; however, each agency is allowed to pick their own solicitation date and to determine the number of solicitations they will have each year. For example, agencies like the USDA and DOE have only one solicitation. Other agencies, like the DOD and NSF, have two or more. One agency, NIH, has only one solicitation but three separate closing dates.

[Click here](#) for a list of agencies that are opening or closing a solicitation in the next two months (by the end of January 2009). If one or more of your target agencies is in this list, be sure and mark the dates on your calendar or you may run the risk of missing it.

When an agency opens a solicitation, you may view it by visiting the Agency Topic Areas page of the Idaho Department of Commerce's website at www.commerce.idaho.gov. Here you will find a complete list of SBIR/STTR agency websites. Select the agency with the open solicitation and follow the links.

Boise State University Dean Receives Honor

(Boise) Cheryl B. Schrader, dean of Boise State University's College of Engineering, has received the 2008 Hewlett-Packard/Harriett B. Rigas Award from the Institute of Electrical and Electronics Engineers Education Society. Dr. Schrader accepted the honor in October at the 38th annual Frontiers in Education Conference in Sarasota Springs, New York. The award is named for Harriett B. Rigas, a trailblazing electrical engineer and spirited advocate for the advancement of women in higher education.

The award honors outstanding women who have significantly impacted electrical and computer engineering education through excellence in teaching, encouraging participation of women in engineering, demonstrating scholarship in the field and developing new pedagogical systems that enhance learning and industry.

Dr. Schrader is the recipient of many awards and has provided encouragement and motivation for thousands of K-12 girls.

Khamu Solutions Selected by Food Services of America

(Boise) Khamu Solutions, LLC, provides software solutions to restaurants, hospitals, and sporting venues. Food Services of America, the nation's sixth largest broadline foodservice distributor, recently selected Khamu Solutions and their Point of Sale Solution, Sapphire, to be part of its new customer support program. Sapphire software is competitively priced and includes advanced tools such as remote access over the Internet, inventory management, and gift cards.

For more information on Khamu Solutions and its products, visit <http://www.khamu.com>

Ideas Innovations Idaho License Plates



(Statewide) Specialty license plates that celebrate innovation and support Idaho's innovation industries are entering their third year of availability through the Idaho Transportation Department. Continued availability of the plate will depend on total sales.

Falls, ID All seminars are free of charge, however an RSVP is preferred prior to each seminar by contacting: Margaret Speer, (505) 843-4202 or margaret.speer@lmco.com

December 11th Kickstand Boise

The Kickstand event in Boise is held the 2nd Thursday of each month from 5:30 - 7:00 pm at the WaterCooler (1401 W. Idaho, Boise) Visit www.kickstand.org

December 17th TechBoise Boise

TechBoise is held the last Wednesday of each month at the WaterCooler (1401 W. Idaho, Boise) Due to the holidays, the next event will be December 17th from 5:30-7:00 pm. Visit www.techboise.com

December 18th Kickstand Eastern Idaho Idaho Falls

Meetings are held the 3rd Thursday of the month from 5:30 - 7:00pm at Whitewater Grill (355 River Parkway, Idaho Falls) Visit www.kickstandidaho.com

December 23th Kickstand Palouse Moscow

Meetings are held the 4th Tuesday of the month at 5:30 - 7:00 pm Sandpiper Restaurant (436 N. Main St., Moscow) Visit www.kickstandidaho.com

A portion of the proceeds from each plate sold goes to a fund that is used to develop programs and market the state's innovation sector.

For information on how to purchase one, go to

<http://commerce.idaho.gov/technology/license-plate.aspx>



"We Create Jobs, Strengthen Communities and Market Idaho."

**IDAHO DEPARTMENT OF COMMERCE
PO Box 83720, Boise, Idaho 83720-0093
Tel: 208-334-2470; Fax: 208-334-2631
Web: innovation.idaho.gov
09-62000-250**

**C.L. "BUTCH" OTTER, GOVERNOR
DONALD A. DIETRICH, DIRECTOR OF COMMERCE**

Idaho Department of Commerce is an equal opportunity employer.
This document is available upon request in alternative formats for individuals with disabilities.

brian.dickens@innovation.idaho.gov • Idaho Department of Commerce